Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. – 48. (Cancelled)

49. (~~New~~Presently Amended) ~~The array according to claim 47~~An array comprising two or more nucleic acid molecules immobilized on a substrate, wherein ~~the two or more~~ at least two of the nucleic acid molecules have a nucleic acid sequence ~~each comprise a nucleic acid sequence selected from~~consisting of:

(a) the nucleic acid sequences ~~as~~ as shown in SEQ ID NOS:12, 15, 21, 22, 23, 24, 25, 26, 35 or 44 ~~1 to 47 and Figures 1 to 47, wherein T can also be U~~;

(b) a nucleic acid sequence prepared using amplification and primer pairs, wherein the primer pairs are selected from the following pairs of nucleic acid sequences:

SEQ ID NO:70 and SEQ ID NO:71;
SEQ ID NO:76 and SEQ ID NO:77;
SEQ ID NO:88 and SEQ ID NO:89;
SEQ ID NO:90 and SEQ ID NO:91;
SEQ ID NO:92 and SEQ ID NO:93;
SEQ ID NO:94 and SEQ ID NO:95;
SEQ ID NO:96 and SEQ ID NO:97;
SEQ ID NO:98 and SEQ ID NO:99;
SEQ ID NO:116 and SEQ ID NO:117; or
SEQ ID NO:134 and SEQ ID NO:135;
~~nucleic acid sequences complementary to (a);~~

(c) the nucleic acid sequence of (a) or (b), wherein T can also be U; or ~~nucleic acid sequences which are homologous to (a) or (b); or~~

(d) a fragment of (a) to (c) that~~, which comprises a sequence that~~ specifically hybridizes to one ~~of the~~ ABC transporter genes~~.~~

50. (~~New~~Presently Amended) The array according to claim ~~47~~49, wherein the array is a microarray.

51 – 72. (Cancelled)

73. (~~New~~Presently Amended) ~~The two or more isolated nucleic acid molecules according to claim 71, wherein each of the nucleic acid molecules comprise~~An isolated ~~a~~ nucleic acid ~~sequence~~ molecule having a nucleic acid sequence ~~selected from~~consisting of:

(a) the nucleic acid sequences ~~as~~ shown in SEQ ID NOS:~~-~~12, 15, 21, 22, 23, 24, 25, 26, 35 or ~~44~~41 ~~to 47 and Figures 1 to 47, wherein T can also be U~~;

(b) a nucleic acid sequence prepared using amplification and primer pairs, wherein the primer pairs are selected from the following pairs of nucleic acid sequences:

SEQ ID NO:70 and SEQ ID NO:71;
SEQ ID NO:76 and SEQ ID NO:77;
SEQ ID NO:88 and SEQ ID NO:89;
SEQ ID NO:90 and SEQ ID NO:91;
SEQ ID NO:92 and SEQ ID NO:93;
SEQ ID NO:94 and SEQ ID NO:95;
SEQ ID NO:96 and SEQ ID NO:97;
SEQ ID NO:98 and SEQ ID NO:99;
SEQ ID NO:116 and SEQ ID NO:117; or
SEQ ID NO:134 and SEQ ID NO:135;~~nucleic acid sequences complementary to (a);~~

(c) the nucleic acid sequences of (a) or (b), wherein T can also be U; or ~~nucleic acid sequences which are homologous to (a) or (b); or~~

(d) a fragment of (a) to (c) that~~, which comprises a sequence that~~ specifically hybridizes to one ~~of the~~ ABC transporter genes~~.~~

74. (~~New~~Presently Amended) ~~Two or more pairs~~A pair of primers for preparing the ~~two or more~~ nucleic acid molecules ~~according~~ to claim ~~71~~73.

75. (~~New~~Presently Amended) ~~Two or more pairs~~The pair of primers according to claim 74, wherein the pair of primers is selected from the following pairs of nucleic acid

~~sequencescomprise a nucleic acid sequence selected from the group consisting of:~~

SEQ ID NO:70 and SEQ ID NO:71;

SEQ ID NO:76 and SEQ ID NO:77;

SEQ ID NO:88 and SEQ ID NO:89;

SEQ ID NO:90 and SEQ ID NO:91;

SEQ ID NO:92 and SEQ ID NO:93;

SEQ ID NO:94 and SEQ ID NO:95;

SEQ ID NO:96 and SEQ ID NO:97;

SEQ ID NO:98 and SEQ ID NO:99;

SEQ ID NO:116 and SEQ ID NO:117; or

SEQ ID NO:134 and SEQ ID NO:135,

wherein T can also be U.

~~(a) a nucleic acid sequence as shown in SEQ ID NOS: 48 to 141 and Table 1, wherein T can also be U;~~

~~(a)nucleic acid sequences complementary to (a); and~~

~~(a)nucleic acid sequences which are homologous to (a) or (b).~~

76. – 77. (Cancelled)

78. (New) An array for screening a sample for the presence of nucleic acid molecules that encode human ABC transporters, the array comprising a substrate having immobilized in distinct spots thereon at least 10 nucleic acid probes, wherein 10 of the probes consist of:

1) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B1, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 12,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 70 and SEQ ID NO. 71,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B1;

2) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B4, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 15,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 76 and SEQ ID NO. 77,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B4;

3) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B11, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 21,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 88 and SEQ ID NO. 89,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B11;

4) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C1, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 22,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 90 and SEQ ID NO. 91,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C1;

5) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C2, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 23,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 92 and SEQ ID NO. 93,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C2;

6) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C3, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 24,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 94 and SEQ ID NO. 95,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human transporter C3;

7) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C4, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 25,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 96 and SEQ ID NO. 97,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C4;

8) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C5, wherein the nucleotide sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 26,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 98 and SEQ ID NO. 99,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C5;

9) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter D1, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 35,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 116 and SEQ ID NO. 117,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter D1; and

10) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter G2, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 44,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 134 and SEQ ID NO. 135,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter G2.

79. (New) An array according to claim 78, wherein said array comprises at least 20 nucleic acid probes, wherein said nucleic acid probes comprise the 10 probes as defined in claim 78 and 10 additional probes selected from the group consisting of:

1) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A1, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 1,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 48 and SEQ ID NO. 49,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A1;

2) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A2, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 2,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 50 and SEQ ID NO. 51,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A2;

3) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A3, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 3,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 52 and SEQ ID NO. 53,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A3;

4) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A4, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 4,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 54 and SEQ ID NO. 55,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A4;

5) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A5, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 5,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 56 and SEQ ID NO. 57,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A5;

6) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A6, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 6,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 58 and SEQ ID NO. 59,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A6;

7) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A7, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 7,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 60 and SEQ ID NO. 61,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A7;

8) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A8, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 8,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 62 and SEQ ID NO. 63,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A8;

9) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A9, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 9,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 64 and SEQ ID NO. 65,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A9; and

10) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A10, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 10,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 66 and SEQ ID NO. 67,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A10;

11) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A12, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 11,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 68 and SEQ ID NO. 69,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A12;

12) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B2, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 13,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 72 and SEQ ID NO. 73,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B2;

13) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B3, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 14,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 74 and SEQ ID NO. 75,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B3;

14) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B6, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 16,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 78 and SEQ ID NO. 79,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B6;

15) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B7, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 17,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 80 and SEQ ID NO. 81,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B7;

16) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B8, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 18,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 82 and SEQ ID NO. 83,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B8;

17) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B9, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 19,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 84 and SEQ ID NO. 85,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B9;

18) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B10, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 20,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 86 and SEQ ID NO. 87,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B10;

19) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C6, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 27,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 100 and SEQ ID NO. 101, (c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C6;

20) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C7, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 28,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 102 and SEQ ID NO. 103,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C7;

21) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C8, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 29,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 104 and SEQ ID NO. 105,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C8;

22) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C9, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 30,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 106 and SEQ ID NO. 107,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C9;

23) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C10b, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 31,

(b) a nucleic acid sequence prepared using amplification nucleic acid primer pairs having the nucleic acid sequence of SEQ ID NO. 108 and SEQ ID NO. 109,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C10b;

24) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C11, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 32,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 110 and SEQ ID NO. 111,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C11;

25) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C12a, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 33,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 112 and SEQ ID NO. 113,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C12a;

26) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C13, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 34,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 114 and SEQ ID NO. 115,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C13;

27) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter D2, wherein the nucleic acid sequence of the probe is selected from

(a) a nucleic acid sequence consisting of SEQ ID NO. 36,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 118 and SEQ ID NO. 119,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter D2;

28) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter D3, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 37,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 120 and SEQ ID NO. 121,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter D3;

29) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter D4, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 38,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 122 and SEQ ID NO. 123,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter D4;

30) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter E1, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 39,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 124 and SEQ ID NO. 125,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter E1;

31) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter F1, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 40,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 126 and SEQ ID NO. 127,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter F1;

32) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter F2, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 41,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 128 and SEQ ID NO. 129,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter F2;

33) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter F3, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 42,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 130 and SEQ ID NO. 131,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter F3;

34) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter G1, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 43,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 132 and SEQ ID NO. 133,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter G1;

35) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter G4, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 45,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 136 and SEQ ID NO. 137,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter G4;

36) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter G5, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 46,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic sequence of SEQ ID NO. 138 and SEQ ID NO. 139,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter G5; and

37) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter G8, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 47,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 140 and SEQ ID NO. 141,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter G8.

80. (New) An array according to claim 78, wherein said array comprises at least 30 nucleic acid probes, wherein said nucleic acid probes comprise the 10 probes as defined in claim 78 and 20 additional probes selected from the group consisting of:

1) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A1, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 1,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 48 and SEQ ID NO. 49,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A1;

2) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A2, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 2,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 50 and SEQ ID NO. 51,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A2;

3) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A3, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 3,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 52 and SEQ ID NO. 53,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A3;

4) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A4, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 4,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 54 and SEQ ID NO. 55,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A4;

5) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A5, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 5,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 56 and SEQ ID NO. 57,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A5;

6) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A6, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 6,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 58 and SEQ ID NO. 59,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A6;

7) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A7, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 7,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 60 and SEQ ID NO. 61,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A7;

8) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A8, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 8,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 62 and SEQ ID NO. 63,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A8;

9) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A9, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 9,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 64 and SEQ ID NO. 65,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A9; and

10) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A10, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 10,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 66 and SEQ ID NO. 67,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A10;

11) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A12, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 11,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 68 and SEQ ID NO. 69,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A12;

12) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B2, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 13,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 72 and SEQ ID NO. 73,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B2;

13) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B3, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 14,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 74 and SEQ ID NO. 75,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B3;

14) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B6, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 16,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 78 and SEQ ID NO. 79,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B6;

15) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B7, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 17,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 80 and SEQ ID NO. 81,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B7;

16) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B8, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 18,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 82 and SEQ ID NO. 83,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B8;

17) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B9, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 19,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 84 and SEQ ID NO. 85,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B9;

18) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B10, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 20,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 86 and SEQ ID NO. 87,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B10;

19) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C6, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 27,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 100 and SEQ ID NO. 101, (c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C6;

20) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C7, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 28,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 102 and SEQ ID NO. 103,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C7;

21) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C8, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 29,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 104 and SEQ ID NO. 105,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C8;

22) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C9, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 30,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 106 and SEQ ID NO. 107,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C9;

23) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C10b, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 31,

(b) a nucleic acid sequence prepared using amplification nucleic acid primer pairs having the nucleic acid sequence of SEQ ID NO. 108 and SEQ ID NO. 109,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C10b;

24) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C11, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 32,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 110 and SEQ ID NO. 111,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C11;

25) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C12a, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 33,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 112 and SEQ ID NO. 113,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C12a;

26) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C13, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 34,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 114 and SEQ ID NO. 115,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C13;

27) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter D2, wherein the nucleic acid sequence of the probe is selected from

(a) a nucleic acid sequence consisting of SEQ ID NO. 36,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 118 and SEQ ID NO. 119,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter D2;

28) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter D3, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 37,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 120 and SEQ ID NO. 121,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter D3;

29) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter D4, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 38,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 122 and SEQ ID NO. 123,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter D4;

30) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter E1, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 39,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 124 and SEQ ID NO. 125,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter E1;

31) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter F1, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 40,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 126 and SEQ ID NO. 127,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter F1;

32) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter F2, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 41,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 128 and SEQ ID NO. 129,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter F2;

33) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter F3, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 42,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 130 and SEQ ID NO. 131,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter F3;

34) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter G1, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 43,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 132 and SEQ ID NO. 133,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter G1;

35) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter G4, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 45,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 136 and SEQ ID NO. 137,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter G4;

36) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter G5, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 46,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic sequence of SEQ ID NO. 138 and SEQ ID NO. 139,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter G5; and

37) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter G8, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 47,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 140 and SEQ ID NO. 141,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter G8.

81. (New) An array according to claim 78, wherein said array comprises at least 47 nucleic acid probes, wherein said nucleic acid probes comprise the 10 probes as defined in claim 78 and the following additional probes:

1) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A1, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 1,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 48 and SEQ ID NO. 49,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A1;

2) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A2, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 2,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 50 and SEQ ID NO. 51,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A2;

3) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A3, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 3,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 52 and SEQ ID NO. 53,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A3;

4) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A4, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 4,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 54 and SEQ ID NO. 55,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A4;

5) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A5, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 5,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 56 and SEQ ID NO. 57,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A5;

6) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A6, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 6,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 58 and SEQ ID NO. 59,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A6;

7) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A7, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 7,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 60 and SEQ ID NO. 61,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A7;

8) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A8, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 8,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 62 and SEQ ID NO. 63,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A8;

9) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A9, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 9,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 64 and SEQ ID NO. 65,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A9; and

10) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A10, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 10,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 66 and SEQ ID NO. 67,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A10;

11) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A12, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 11,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 68 and SEQ ID NO. 69,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter A12;

12) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B2, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 13,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 72 and SEQ ID NO. 73,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B2;

13) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B3, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 14,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 74 and SEQ ID NO. 75,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B3;

14) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B6, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 16,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 78 and SEQ ID NO. 79,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B6;

15) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B7, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 17,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 80 and SEQ ID NO. 81,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B7;

16) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B8, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 18,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 82 and SEQ ID NO. 83,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B8;

17) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B9, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 19,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 84 and SEQ ID NO. 85,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B9;

18) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B10, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 20,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 86 and SEQ ID NO. 87,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter B10;

19) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C6, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 27,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 100 and SEQ ID NO. 101, (c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C6;

20) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C7, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 28,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 102 and SEQ ID NO. 103,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C7;

21) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C8, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 29,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 104 and SEQ ID NO. 105,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C8;

22) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C9, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 30,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 106 and SEQ ID NO. 107,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C9;

23) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C10b, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 31,

(b) a nucleic acid sequence prepared using amplification nucleic acid primer pairs having the nucleic acid sequence of SEQ ID NO. 108 and SEQ ID NO. 109,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C10b;

24) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C11, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 32,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 110 and SEQ ID NO. 111,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C11;

25) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C12a, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 33,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 112 and SEQ ID NO. 113,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C12a;

26) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C13, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 34,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 114 and SEQ ID NO. 115,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter C13;

27) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter D2, wherein the nucleic acid sequence of the probe is selected from

(a) a nucleic acid sequence consisting of SEQ ID NO. 36,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 118 and SEQ ID NO. 119,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter D2;

28) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter D3, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 37,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 120 and SEQ ID NO. 121,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter D3;

29) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter D4, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 38,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 122 and SEQ ID NO. 123,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter D4;

30) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter E1, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 39,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 124 and SEQ ID NO. 125,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter E1;

31) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter F1, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 40,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 126 and SEQ ID NO. 127,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter F1;

32) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter F2, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 41,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 128 and SEQ ID NO. 129,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter F2;

33) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter F3, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 42,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 130 and SEQ ID NO. 131,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter F3;

34) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter G1, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 43,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 132 and SEQ ID NO. 133,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter G1;

35) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter G4, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 45,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 136 and SEQ ID NO. 137,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter G4;

36) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter G5, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 46,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic sequence of SEQ ID NO. 138 and SEQ ID NO. 139,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter G5; and

37) a probe that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter G8, wherein the nucleic acid sequence of the probe is selected from the group consisting of:

(a) a nucleic acid sequence consisting of SEQ ID NO. 47,

(b) a nucleic acid sequence prepared using amplification and primer pairs having the nucleic acid sequence of SEQ ID NO. 140 and SEQ ID NO. 141,

(c) a nucleic acid sequence of a) or b) wherein T can be U, and

(d) a fragment of a), b) or c) that specifically hybridizes to a nucleic acid sequence encoding human ABC transporter G8.

81. (New) The array according to claim 78,

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter B1 is the nucleic acid sequence consisting of SEQ ID NO. 12;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter B4 is the nucleic acid sequence consisting of SEQ ID NO. 15;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter B11 is the nucleic acid sequence consisting of SEQ ID NO. 21;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter C1 is the nucleic acid sequence consisting of SEQ ID NO. 22;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter C2 is the nucleic acid sequence consisting of SEQ ID NO. 23;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter C3 is the nucleic acid sequence consisting of SEQ ID NO. 24;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter C4 is the nucleic acid sequence consisting of SEQ ID NO. 25;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter C5 is the nucleic acid sequence consisting of SEQ ID NO. 26;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter D1 is the nucleic acid sequence consisting of SEQ ID NO. 35; and

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter G2 is the nucleic acid sequence consisting of SEQ ID NO. 44.

82. (New) The array according to claim 79,

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter A1 is the nucleic acid sequence consisting of SEQ ID NO. 1;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter A2 is the nucleic acid sequence consisting of SEQ ID NO. 2;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter A3 is the nucleic acid sequence consisting of SEQ ID NO. 3;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter A4 is the nucleic acid sequence consisting of SEQ ID NO. 4;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter A5 is the nucleic acid sequence consisting of SEQ ID NO. 5;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter A6 is the nucleic acid sequence consisting of SEQ ID

NO. 6;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter A7 is the nucleic acid sequence consisting of SEQ ID NO. 7;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter A8 is the nucleic acid sequence consisting of SEQ ID NO. 8;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter A9 is the nucleic acid sequence consisting of SEQ ID NO. 9;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter A10 is the nucleic acid sequence consisting of SEQ ID NO. 10;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter A12 is the nucleic acid sequence consisting of SEQ ID NO. 11;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter B2 is the nucleic acid sequence consisting of SEQ ID NO. 13;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter B3 is the nucleic acid sequence consisting of SEQ ID NO. 14;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter B6 is the nucleic acid sequence consisting of SEQ ID NO. 16;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter B7 is the nucleic acid sequence consisting of SEQ ID NO. 17;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter B8 is the nucleic acid sequence consisting of SEQ ID

NO. 18;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter B9 is the nucleic acid sequence consisting of SEQ ID NO. 19;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter B10 is the nucleic acid sequence consisting of SEQ ID NO. 20;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter C6 is the nucleic acid sequence consisting of SEQ ID NO. 27;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter C7 is the nucleic acid sequence consisting of SEQ ID NO. 28;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter C8 is the nucleic acid sequence consisting of SEQ ID NO. 29;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter C9 is the nucleic acid sequence consisting of SEQ ID NO. 30;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter C10b is the nucleic acid sequence consisting of SEQ ID NO. 31;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter C11 is the nucleic acid sequence consisting of SEQ ID NO. 32;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter C12a is the nucleic acid sequence consisting of SEQ ID NO. 33;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter C13 is the nucleic acid sequence consisting of SEQ ID

NO. 34;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter D2 is the nucleic acid sequence consisting of SEQ ID NO. 36;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter D3 is the nucleic acid sequence consisting of SEQ ID NO. 37;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter D4 is the nucleic acid sequence consisting of SEQ ID NO. 38;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter E1 is the nucleic acid sequence consisting of SEQ ID NO. 39;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter F1 is the nucleic acid sequence consisting of SEQ ID NO. 40;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter F2 is the nucleic acid sequence consisting of SEQ ID NO. 41;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter F3 is the nucleic acid sequence consisting of SEQ ID NO. 42;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter G1 is the nucleic acid sequence consisting of SEQ ID NO. 43;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter G4 is the nucleic acid sequence consisting of SEQ ID NO. 45;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter G5 is the nucleic acid sequence consisting of SEQ ID

NO. 46; and

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter G8 is the nucleic acid sequence consisting of SEQ ID NO. 47.

83. (New) The array according to claim 80,

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter A1 is the nucleic acid sequence consisting of SEQ ID NO. 1;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter A2 is the nucleic acid sequence consisting of SEQ ID NO. 2;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter A3 is the nucleic acid sequence consisting of SEQ ID NO. 3;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter A4 is the nucleic acid sequence consisting of SEQ ID NO. 4;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter A5 is the nucleic acid sequence consisting of SEQ ID NO. 5;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter A6 is the nucleic acid sequence consisting of SEQ ID NO. 6;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter A7 is the nucleic acid sequence consisting of SEQ ID NO. 7;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter A8 is the nucleic acid sequence consisting of SEQ ID NO. 8;

wherein the probe that specifically hybridizes to the nucleic acid sequence

encoding human ABC transporter A9 is the nucleic acid sequence consisting of SEQ ID NO. 9;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter A10 is the nucleic acid sequence consisting of SEQ ID NO. 10;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter A12 is the nucleic acid sequence consisting of SEQ ID NO. 11;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter B2 is the nucleic acid sequence consisting of SEQ ID NO. 13;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter B3 is the nucleic acid sequence consisting of SEQ ID NO. 14;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter B6 is the nucleic acid sequence consisting of SEQ ID NO. 16;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter B7 is the nucleic acid sequence consisting of SEQ ID NO. 17;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter B8 is the nucleic acid sequence consisting of SEQ ID NO. 18;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter B9 is the nucleic acid sequence consisting of SEQ ID NO. 19;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter B10 is the nucleic acid sequence consisting of SEQ ID NO. 20;

wherein the probe that specifically hybridizes to the nucleic acid sequence

encoding human ABC transporter C6 is the nucleic acid sequence consisting of SEQ ID NO. 27;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter C7 is the nucleic acid sequence consisting of SEQ ID NO. 28;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter C8 is the nucleic acid sequence consisting of SEQ ID NO. 29;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter C9 is the nucleic acid sequence consisting of SEQ ID NO. 30;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter C10b is the nucleic acid sequence consisting of SEQ ID NO. 31;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter C11 is the nucleic acid sequence consisting of SEQ ID NO. 32;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter C12a is the nucleic acid sequence consisting of SEQ ID NO. 33;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter C13 is the nucleic acid sequence consisting of SEQ ID NO. 34;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter D2 is the nucleic acid sequence consisting of SEQ ID NO. 36;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter D3 is the nucleic acid sequence consisting of SEQ ID NO. 37;

wherein the probe that specifically hybridizes to the nucleic acid sequence

encoding human ABC transporter D4 is the nucleic acid sequence consisting of SEQ ID NO. 38;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter E1 is the nucleic acid sequence consisting of SEQ ID NO. 39;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter F1 is the nucleic acid sequence consisting of SEQ ID NO. 40;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter F2 is the nucleic acid sequence consisting of SEQ ID NO. 41;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter F3 is the nucleic acid sequence consisting of SEQ ID NO. 42;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter G1 is the nucleic acid sequence consisting of SEQ ID NO. 43;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter G4 is the nucleic acid sequence consisting of SEQ ID NO. 45;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter G5 is the nucleic acid sequence consisting of SEQ ID NO. 46; and

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter G8 is the nucleic acid sequence consisting of SEQ ID NO. 47.

84. (New) The array according to claim 81,

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter A1 is the nucleic acid sequence consisting of SEQ ID NO. 1;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter A2 is the nucleic acid sequence consisting of SEQ ID NO. 2;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter A3 is the nucleic acid sequence consisting of SEQ ID NO. 3;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter A4 is the nucleic acid sequence consisting of SEQ ID NO. 4;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter A5 is the nucleic acid sequence consisting of SEQ ID NO. 5;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter A6 is the nucleic acid sequence consisting of SEQ ID NO. 6;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter A7 is the nucleic acid sequence consisting of SEQ ID NO. 7;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter A8 is the nucleic acid sequence consisting of SEQ ID NO. 8;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter A9 is the nucleic acid sequence consisting of SEQ ID NO. 9;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter A10 is the nucleic acid sequence consisting of SEQ ID NO. 10;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter A12 is the nucleic acid sequence consisting of SEQ ID NO. 11;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter B2 is the nucleic acid sequence consisting of SEQ ID NO. 13;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter B3 is the nucleic acid sequence consisting of SEQ ID NO. 14;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter B6 is the nucleic acid sequence consisting of SEQ ID NO. 16;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter B7 is the nucleic acid sequence consisting of SEQ ID NO. 17;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter B8 is the nucleic acid sequence consisting of SEQ ID NO. 18;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter B9 is the nucleic acid sequence consisting of SEQ ID NO. 19;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter B10 is the nucleic acid sequence consisting of SEQ ID NO. 20;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter C6 is the nucleic acid sequence consisting of SEQ ID NO. 27;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter C7 is the nucleic acid sequence consisting of SEQ ID NO. 28;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter C8 is the nucleic acid sequence consisting of SEQ ID NO. 29;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter C9 is the nucleic acid sequence consisting of SEQ ID NO. 30;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter C10b is the nucleic acid sequence consisting of SEQ ID NO. 31;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter C11 is the nucleic acid sequence consisting of SEQ ID NO. 32;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter C12a is the nucleic acid sequence consisting of SEQ ID NO. 33;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter C13 is the nucleic acid sequence consisting of SEQ ID NO. 34;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter D2 is the nucleic acid sequence consisting of SEQ ID NO. 36;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter D3 is the nucleic acid sequence consisting of SEQ ID NO. 37;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter D4 is the nucleic acid sequence consisting of SEQ ID NO. 38;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter E1 is the nucleic acid sequence consisting of SEQ ID NO. 39;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter F1 is the nucleic acid sequence consisting of SEQ ID NO. 40;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter F2 is the nucleic acid sequence consisting of SEQ ID NO. 41;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter F3 is the nucleic acid sequence consisting of SEQ ID NO. 42;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter G1 is the nucleic acid sequence consisting of SEQ ID NO. 43;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter G4 is the nucleic acid sequence consisting of SEQ ID NO. 45;

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter G5 is the nucleic acid sequence consisting of SEQ ID NO. 46; and

wherein the probe that specifically hybridizes to the nucleic acid sequence encoding human ABC transporter G8 is the nucleic acid sequence consisting of SEQ ID NO. 47.